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=> s pineapple and transform? and (increase or decrease) and caroten?  
L1 0 PINEAPPLE AND TRANSFORM? AND (INCREASE OR DECREASE) AND CAROTEN?

=> s pineapple and transform? and caroten?  
L2 2 PINEAPPLE AND TRANSFORM? AND CAROTEN?

=> d 12 1-2 ibib ab

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2006:1124775 CAPLUS <<LOGINID::20080512>>  
DOCUMENT NUMBER: 145:450112  
TITLE: Highly expressed genes of \*\*\*pineapple\*\*\*  
and

their regulatory elements and their uses in expressing

# foreign genes in plants

INVENTOR(S): Wintz, Hsu-Ching Chen; Firoozabady, Ebrahim

PATENT ASSIGNEE(S): Del Monte Fresh Products  
SOURCE: PCT Int. Appl. 111pp

SEARCHED: INDEXED: SERIALIZED: FILED:  
FOR THE APPELLANT:  
COUNSEL: PDXXD2

DOCUMENT TYPE: Patent

DOCUMENT TYPE: Patent  
LANGUAGE: English

LANGUAGE: FAM1LY ACC NUM COUNT: 1

FAMILY ACC. NUM. CO  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006113709 20060417	A2	20061026	WO 2006-US14555	
WO 2006113709	A3	20080306		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA,				

CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA  
EP 1874110 A2 20080109 EP 2006-750562  
20060417 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU  
PRIORITY APPLN. INFO.: US 2005-671648P P  
20050415 WO 2006-US14555 W

20060417  
AB Highly-expressed genes of \*\*\*pineapple\*\*\* are identified and cloned and the promoter and terminator regions identified for use in plant expression constructs. The invention also provides novel gene and polypeptide sequences, for example, genes corresponding to \*\*\*pineapple\*\*\* \*\*\*carotenoid\*\*\* biosynthesis proteins, e.g., \*\*\*carotenoid\*\*\* isomerase (ISO), phytoene synthase (PSY) and lycopene beta-cyclase (LYC), which find use in producing plants with improved traits, e.g., improved nutritional value. In addn., related nucleic acids, e.g., vectors, and \*\*\*transformed\*\*\* plants that include one or more of these polynucleotides or polypeptides are also provided, as are related methods for producing such compns.

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:513439 CAPLUS <<LOGINID::20080512>>  
DOCUMENT NUMBER: 141:66253  
TITLE: Transgenic \*\*\*pineapple\*\*\* plants with modified \*\*\*carotenoid\*\*\* levels and methods of their production  
INVENTOR(S): Young, Thomas R.; Firoozabady, Ebrahim

PATENT ASSIGNEE(S): Del Monte Fresh Produce Company, USA  
 SOURCE: PCT Int. Appl., 80 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004052085 20031205	A1	20040624	WO 2003-US38664	
CN, GH, LR, OM, TN, AZ, EE, SK, TD, TG	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,			
AU 2003293407 20031205	A1	20040630	AU 2003-293407	
EP 1589807 20031205	A1	20051102	EP 2003-790354	
PT, JP 2006508681 20031205	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK T 20060316		JP 2004-559306	
US 20060168689 20050531	A1	20060727	US 2005-536888	
PRIORITY APPLN. INFO.: 20021206 20031205			US 2002-431323P	P
AB	The present invention provides methods of ***transforming*** ***pineapple*** cells and plants with ***carotenoid*** biosynthetic polypeptide expression regulators that control the accumulation of ***carotenoids*** in the ***transformed*** cells, and in certain embodiments, the coloration of those cells. The invention also provides for the regeneration of ***pineapple*** plants from the ***transformed*** cells. In addn., the invention provides ***pineapple*** cells and plants that include introduced ***carotenoid*** biosynthetic polypeptide expression regulators.		WO 2003-US38664	W

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE  
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FORMAT

=> d history L1-L2

(FILE 'AGRICOLA, BIOSIS, EMBASE, CAPLUS' ENTERED AT 13:24:30 ON 12  
MAY  
2008)  
L1 0 S PINEAPPLE AND TRANSFORM? AND (INCREASE OR DECREASE)  
AND CAROT  
L2 2 S PINEAPPLE AND TRANSFORM? AND CAROTEN?

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